

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038885.D
 Acq On : 28 Dec 2018 22:27
 Operator : JU/SJ
 Sample : J6584-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENGINE-WASH

Quant Time: Dec 29 02:14:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

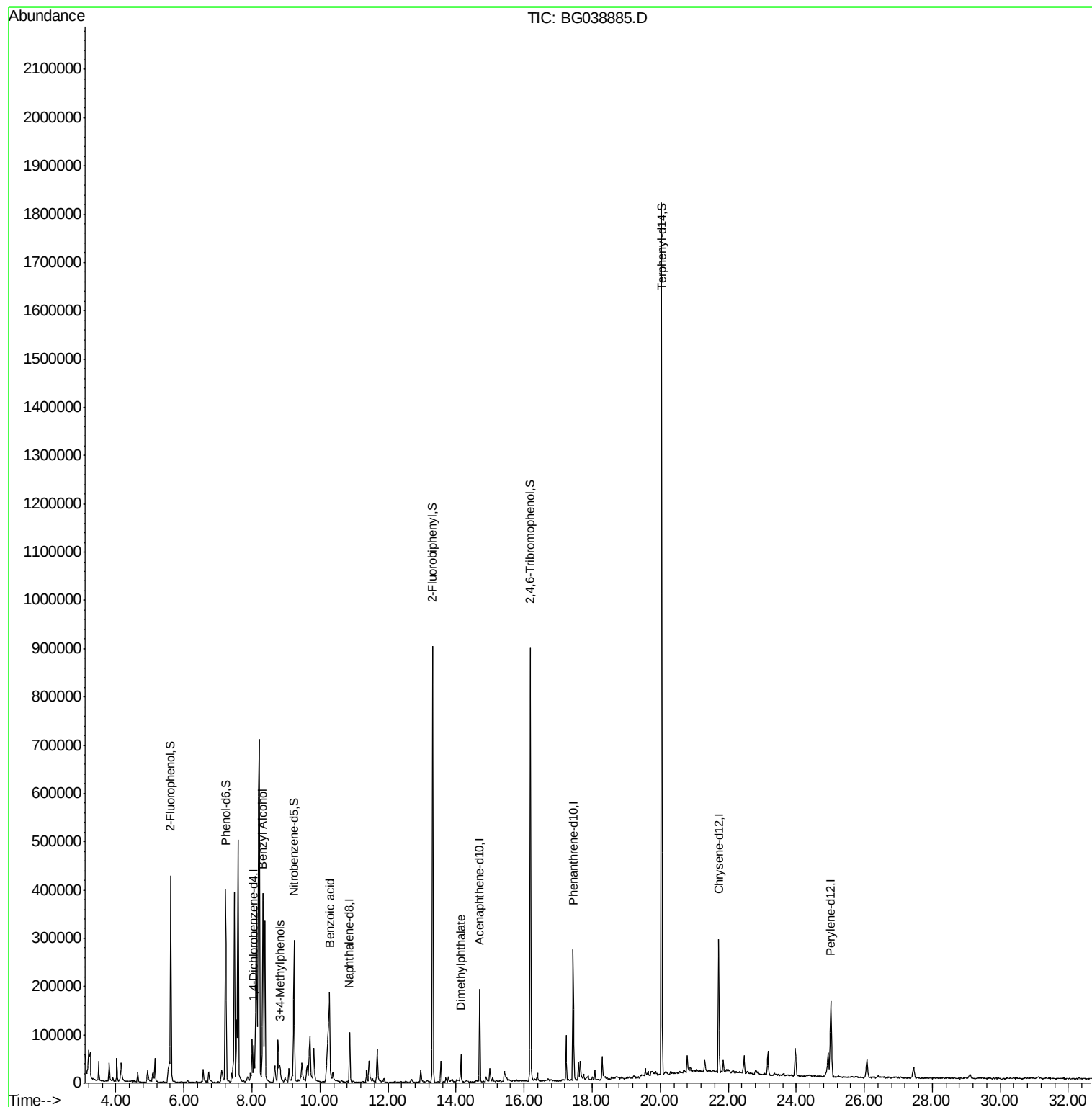
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	21140	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	90134	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	68583	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	169334	20.00	ng	0.00
76) Chrysene-d12	21.72	240	176307	20.00	ng	0.00
87) Perylene-d12	25.01	264	191188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	185925	155.99	ng	0.01
7) Phenol-d6	7.22	99	239615	146.44	ng	0.02
23) Nitrobenzene-d5	9.23	82	172387	97.71	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	184786	195.50	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	501235	100.26	ng	0.00
79) Terphenyl-d14	20.04	244	890705	109.95	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.31	79	60131	47.082	ng	98
20) 3+4-Methylphenols	8.83	107	6624	4.118	ng	92
32) Benzoic acid	10.29	122	107302	111.873	ng	95
50) Dimethylphthalate	14.14	163	38336	6.845	ng	99

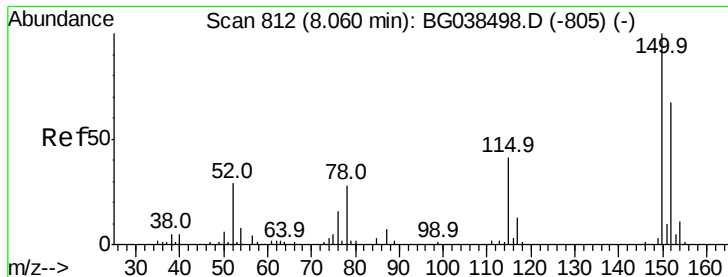
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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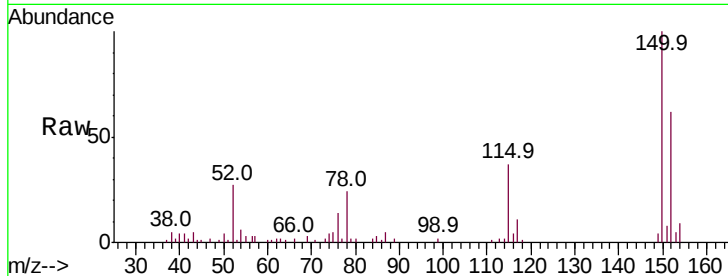


#1

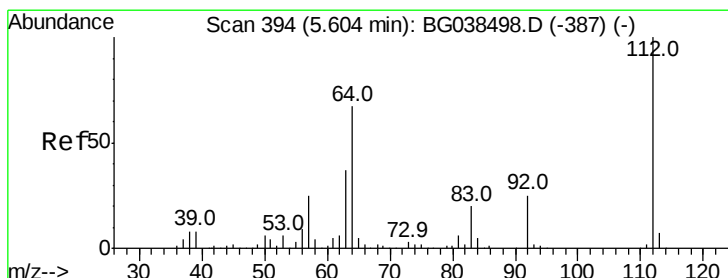
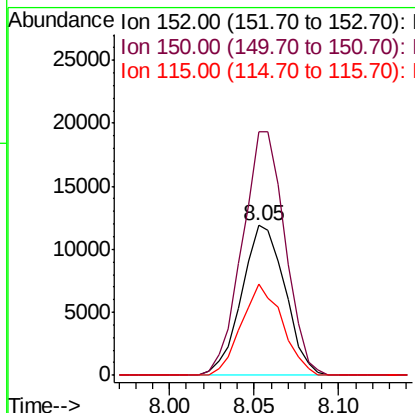
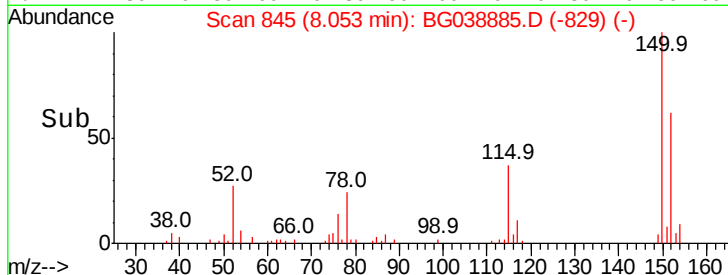
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG038885.D
 Acq: 28 Dec 2018 22:27

Instrument :
 BNA_G
 ClientSampleId :
 ENGINE-WASH

Tot Ion:152 Resp: 21140
 Ion Ratio Lower Upper
 152 100
 150 162.1 119.5 179.3
 115 60.5 49.6 74.4



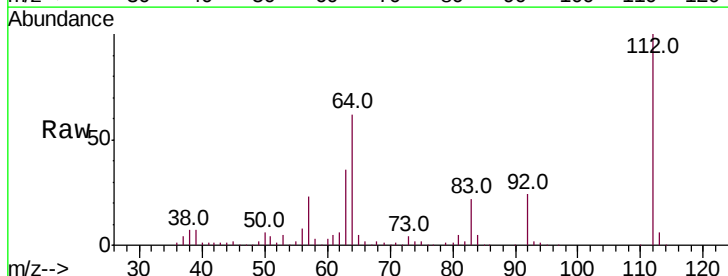
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



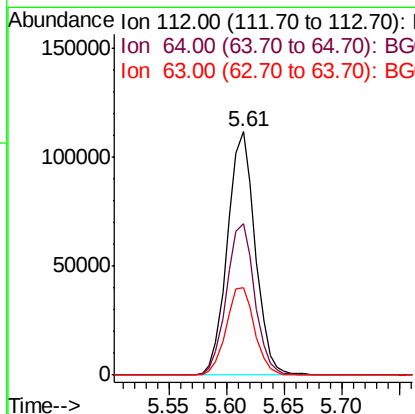
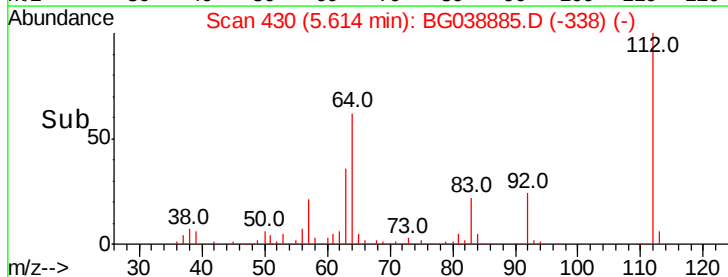
#5

2-Fluorophenol
 Concen: 155.992 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BG038885.D
 Acq: 28 Dec 2018 22:27

Tgt Ion:112 Resp: 185925
 Ion Ratio Lower Upper
 112 100
 64 62.2 53.4 80.2
 63 35.8 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 146.443 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG038885.D

Acq: 28 Dec 2018 22:27

Instrument :

BNA_G

ClientSampleId :

ENGINE-WASH

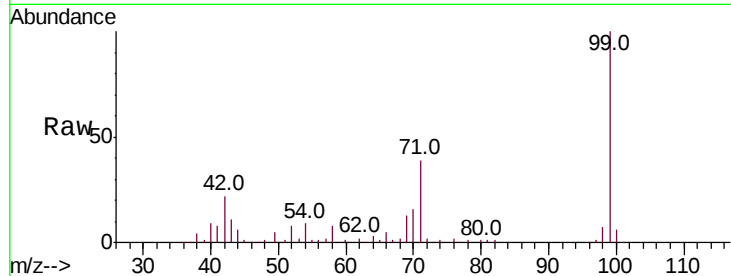
Tot Ion: 99 Resp: 239615

Ion Ratio Lower Upper

99 100

42 21.7 18.5 27.7

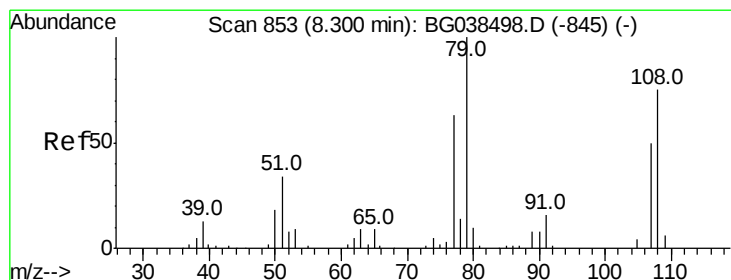
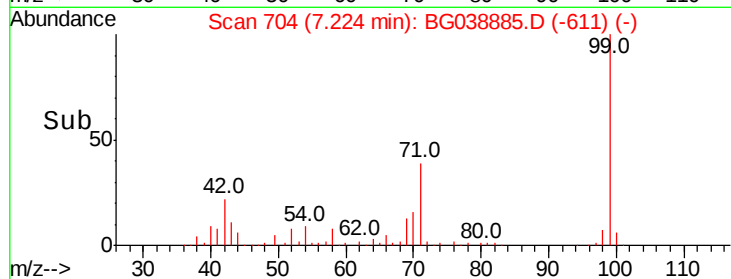
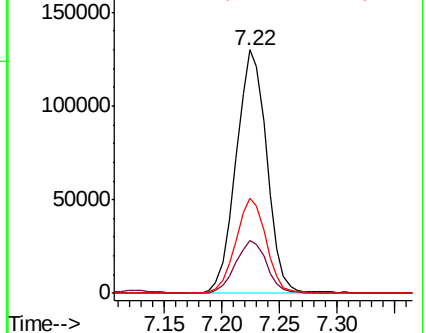
71 38.9 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 47.082 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.01 min

Lab File: BG038885.D

Acq: 28 Dec 2018 22:27

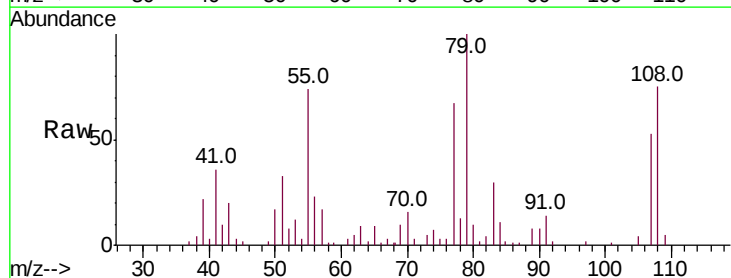
Tgt Ion: 79 Resp: 60131

Ion Ratio Lower Upper

79 100

108 74.8 60.2 90.4

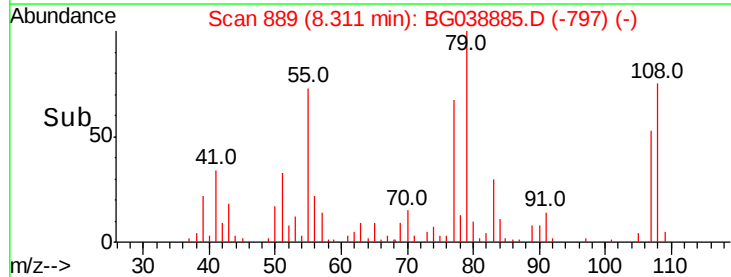
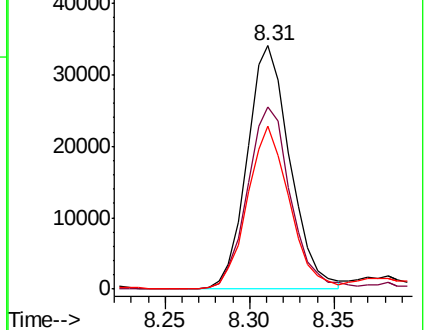
77 66.7 50.7 76.1

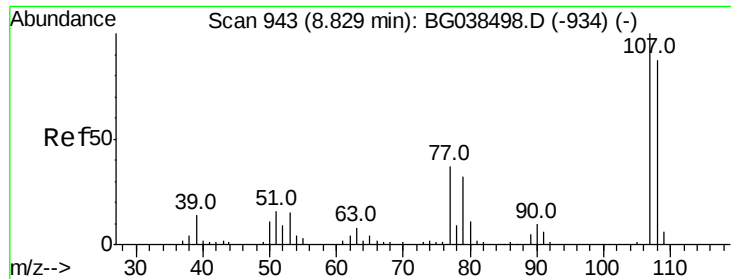


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

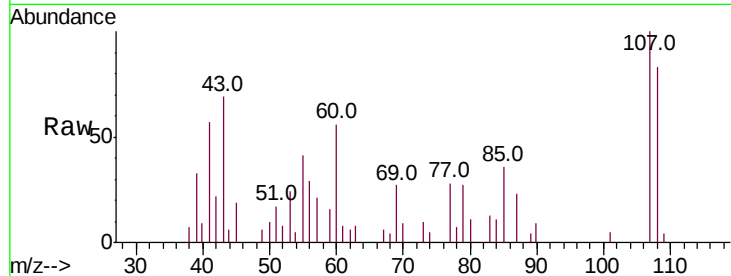




#20
3+4-Methylphenols
Concen: 4.118 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038885.D
Acq: 28 Dec 2018 22:27

Instrument :
BNA_G
ClientSampleId :
ENGINE-WASH

Tot Ion:	107	Resp:	6624
Ion	Ratio	Lower	Upper
107	100		
108	82.8	66.7	106.7
77	27.6	17.3	57.3
79	27.4	12.3	52.3



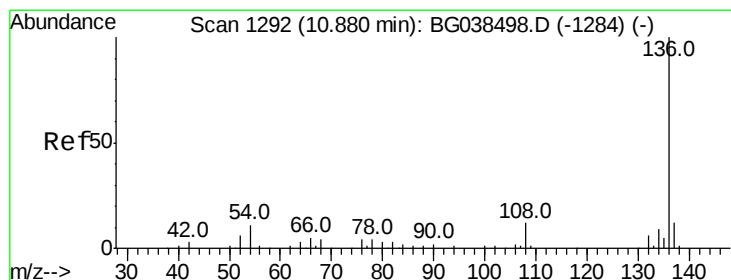
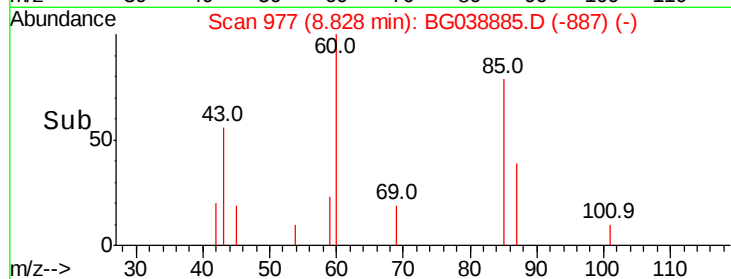
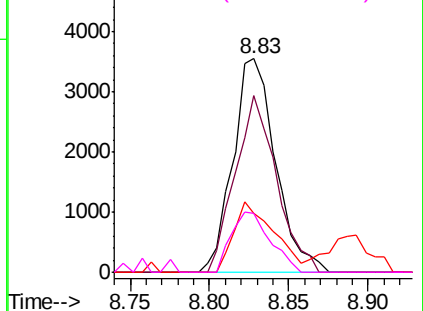
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038885.D
Acq: 28 Dec 2018 22:27

Tgt Ion:	136	Resp:	90134
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	9.2	8.5	12.7
68	4.3	3.5	5.3

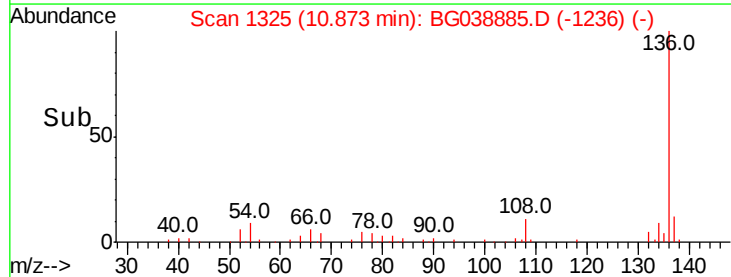
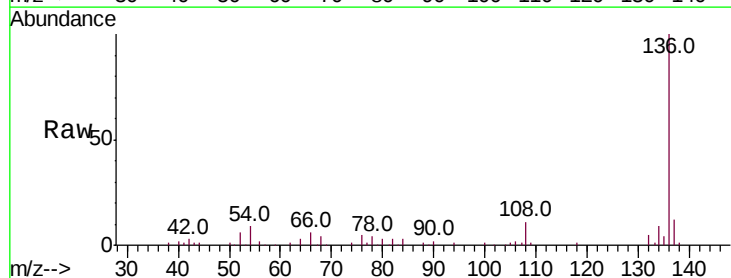
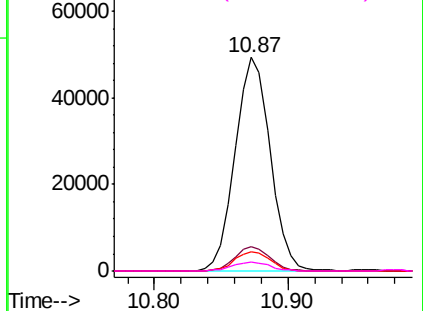
Abundance

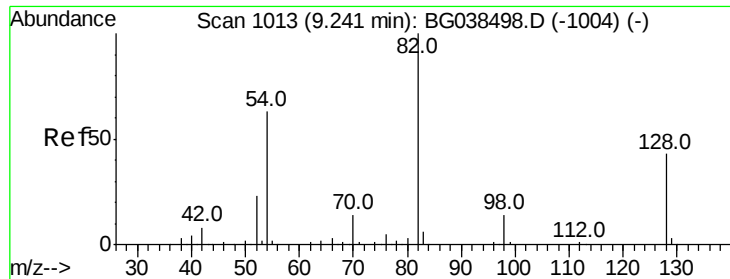
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

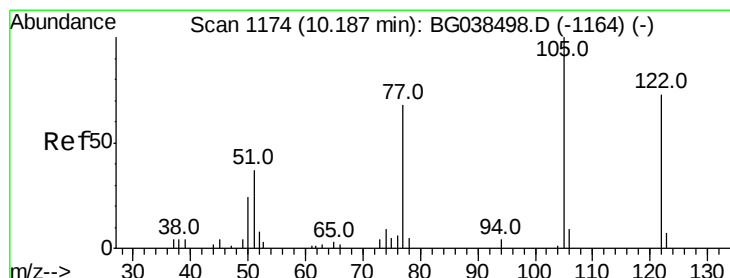
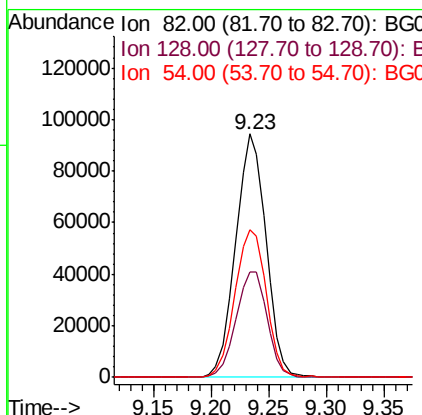
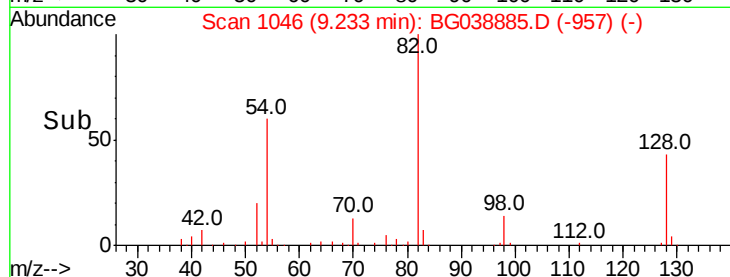
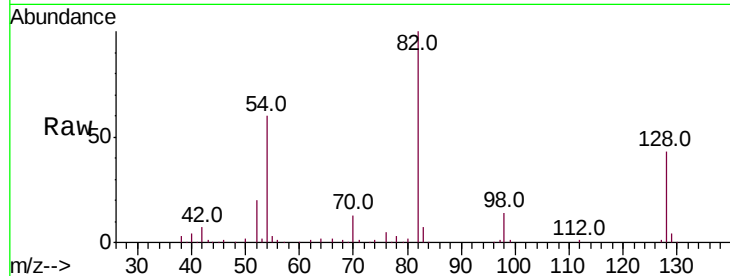




#23
 Nitrobenzene-d5
 Concen: 97.707 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038885.D
 Acq: 28 Dec 2018 22:27

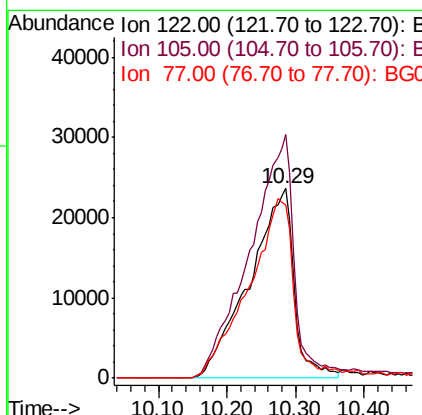
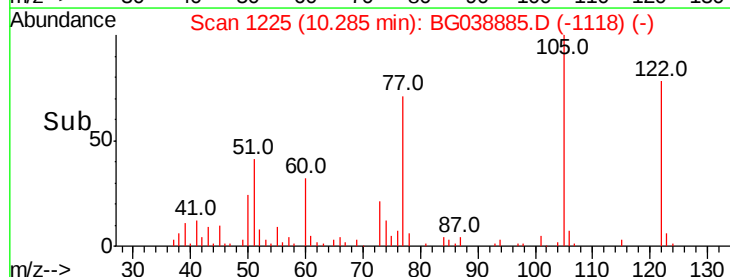
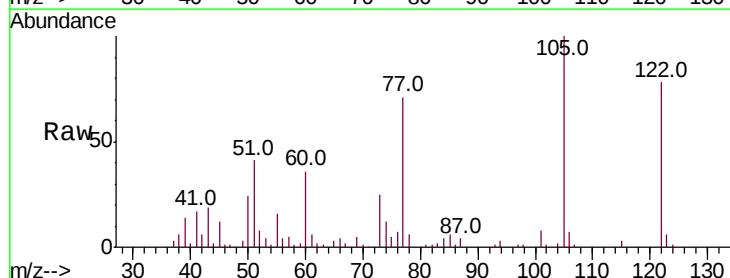
Instrument :
 BNA_G
 ClientSampleId :
 ENGINE-WASH

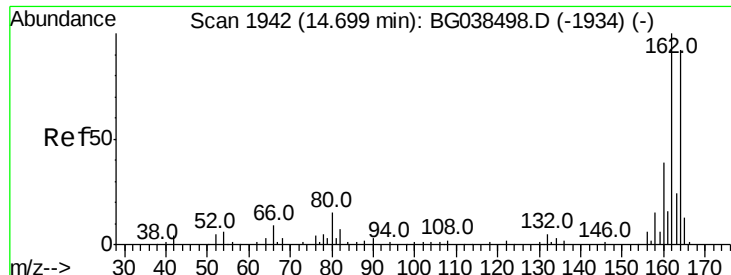
Tot Ion: 82 Resp: 172387
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 52.0
 54 60.4 50.6 76.0



#32
 Benzoic acid
 Concen: 111.873 ng
 RT: 10.29 min Scan# 1225
 Delta R.T. 0.10 min
 Lab File: BG038885.D
 Acq: 28 Dec 2018 22:27

Tgt Ion:122 Resp: 107302
 Ion Ratio Lower Upper
 122 100
 105 128.3 116.7 156.7
 77 91.4 72.5 112.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038885.D

Acq: 28 Dec 2018 22:27

Instrument :

BNA_G

ClientSampleId :

ENGINE-WASH

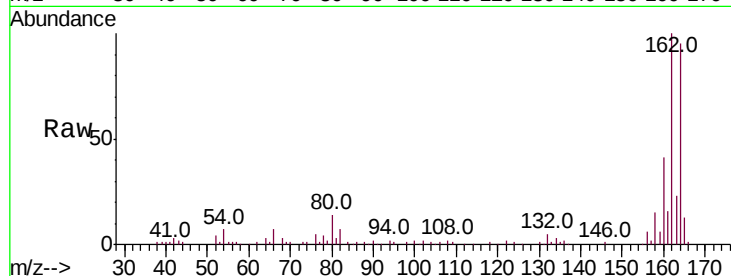
Tot Ion:164 Resp: 68583

Ion Ratio Lower Upper

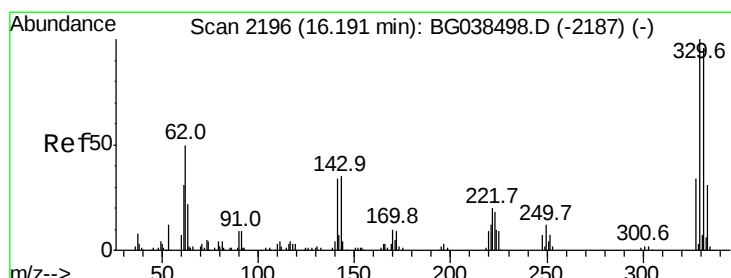
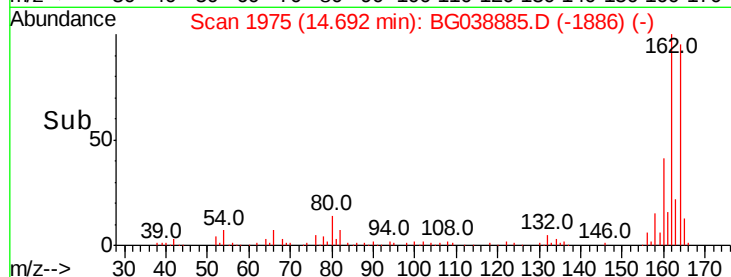
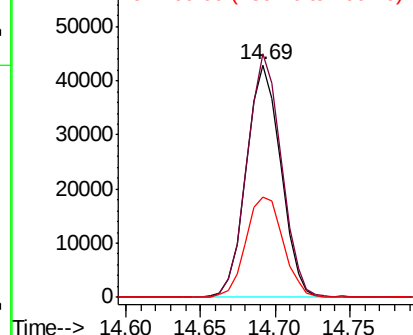
164 100

162 104.8 86.6 130.0

160 43.1 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 195.500 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038885.D

Acq: 28 Dec 2018 22:27

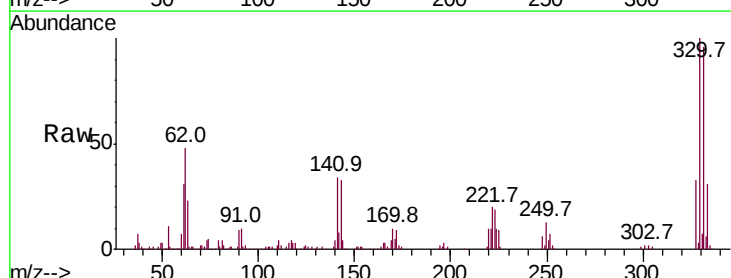
Tgt Ion:330 Resp: 184786

Ion Ratio Lower Upper

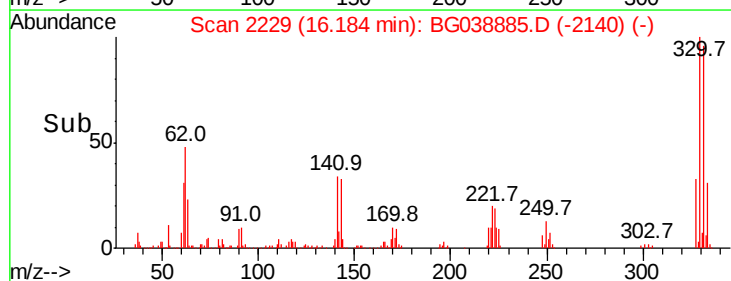
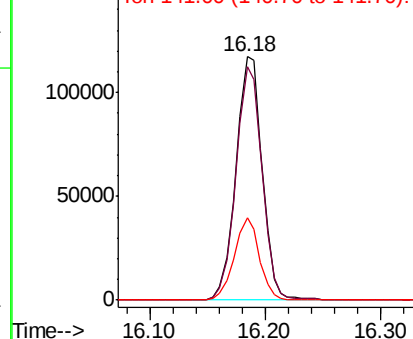
330 100

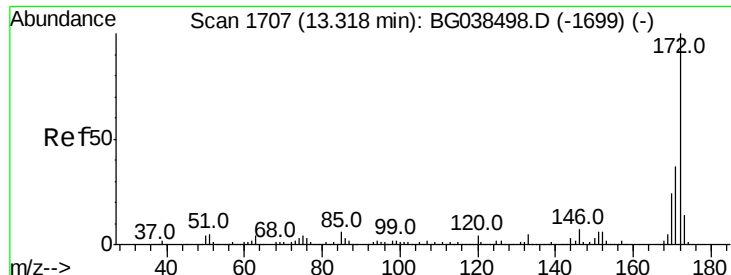
332 95.3 76.9 115.3

141 32.3 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

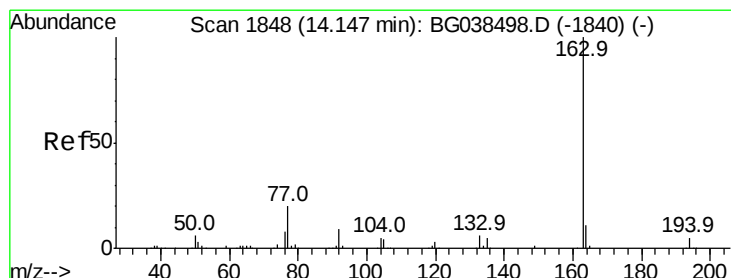
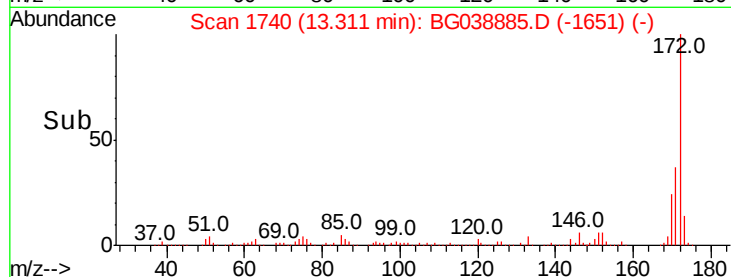
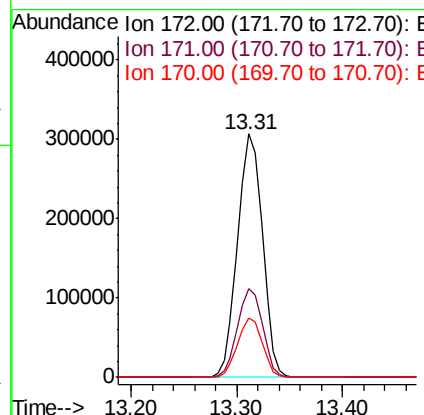
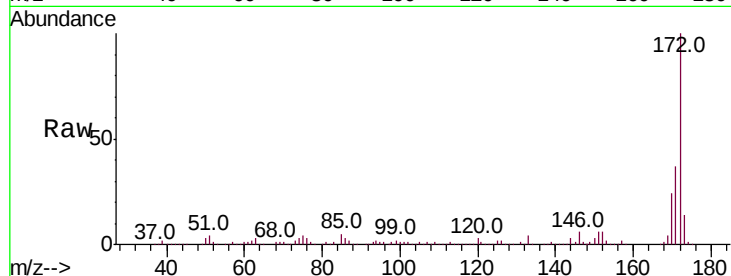




#45
 2-Fluorobiphenyl
 Concen: 100.261 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038885.D
 Acq: 28 Dec 2018 22:27

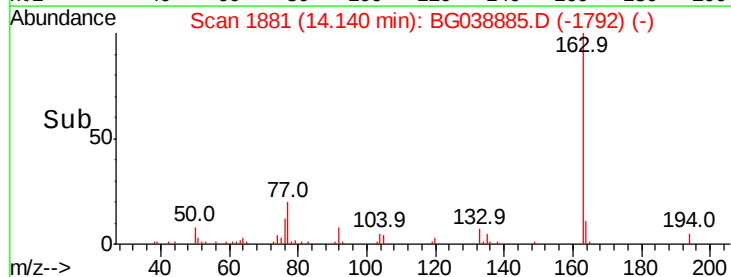
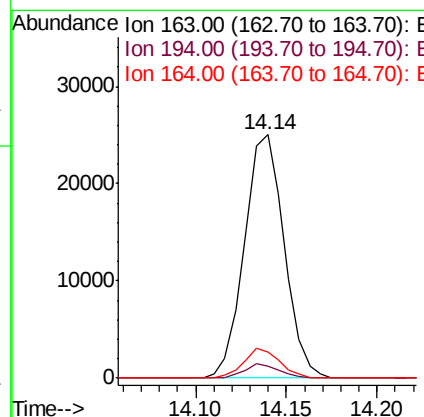
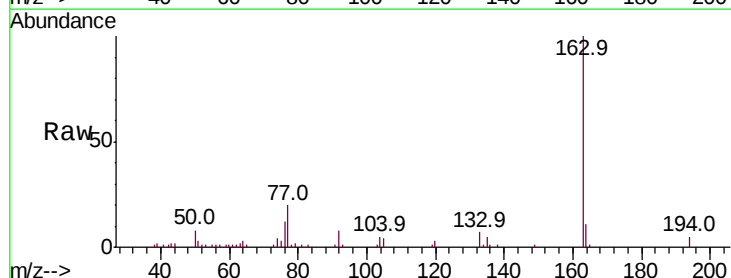
Instrument :
 BNA_G
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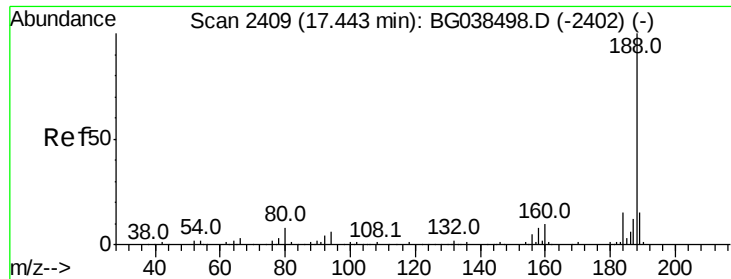
Tot Ion:172 Resp: 501235
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.2 19.5 29.3



#50
 Dimethylphthalate
 Concen: 6.845 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038885.D
 Acq: 28 Dec 2018 22:27

Tgt Ion:163 Resp: 38336
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.7 5.5
 164 10.8 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038885.D

Acq: 28 Dec 2018 22:27

Instrument :

BNA_G

ClientSampleId :

ENGINE-WASH

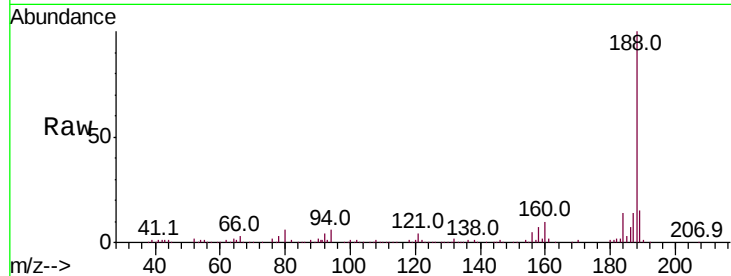
Tot Ion:188 Resp: 169334

Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

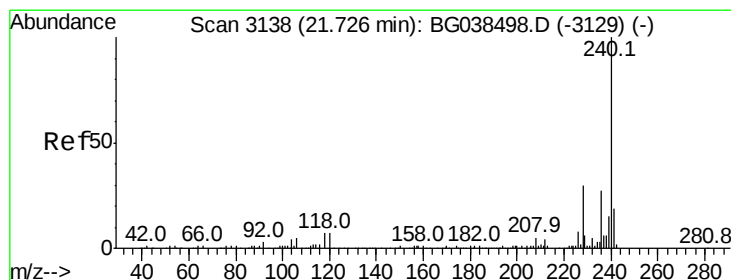
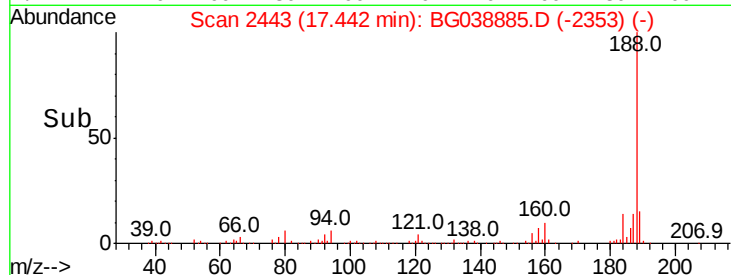
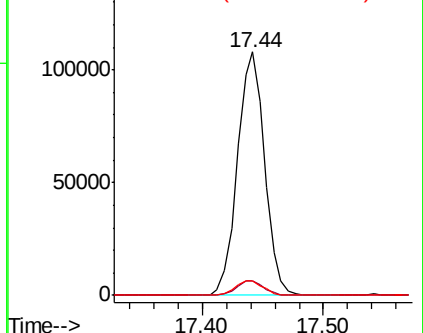
80 5.9 6.1 9.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038885.D

Acq: 28 Dec 2018 22:27

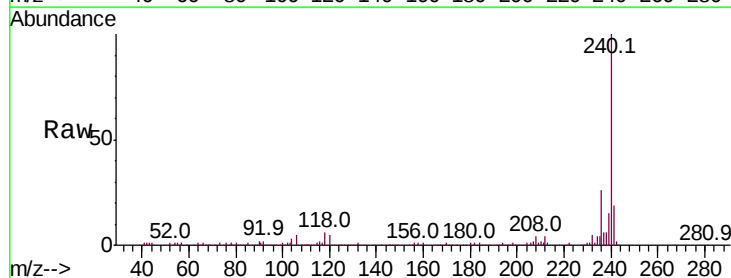
Tgt Ion:240 Resp: 176307

Ion Ratio Lower Upper

240 100

120 5.5 5.3 7.9

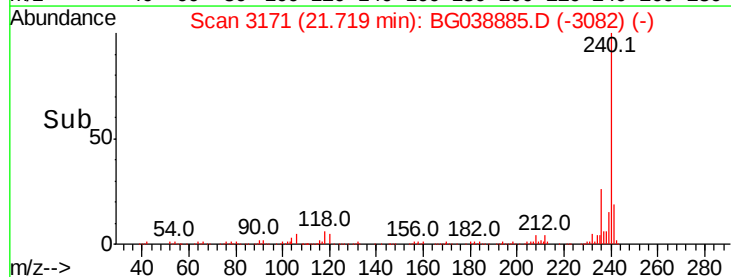
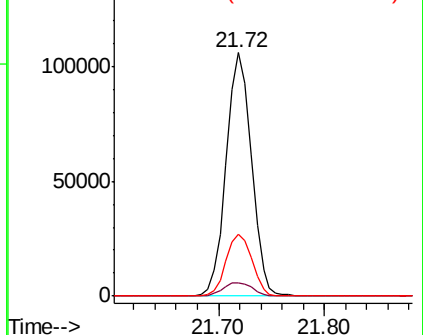
236 25.6 21.4 32.2

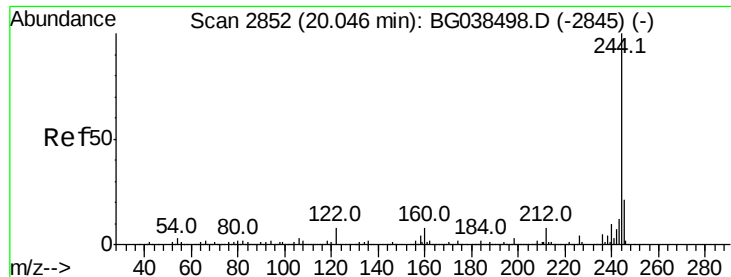


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.949 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038885.D

Acq: 28 Dec 2018 22:27

Instrument :

BNA_G

ClientSampleId :

ENGINE-WASH

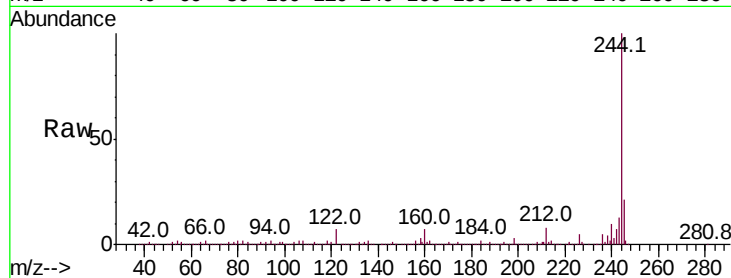
Tot Ion:244 Resp: 890705

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

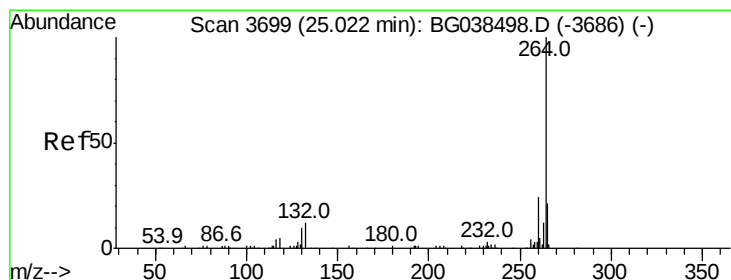
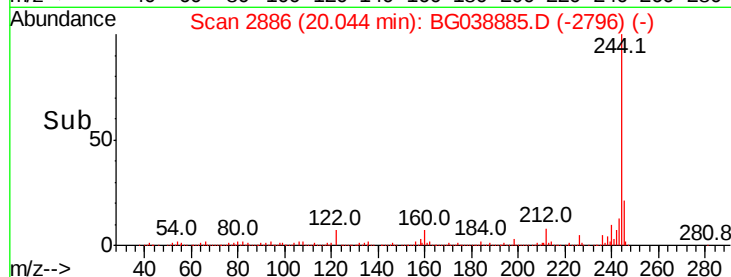
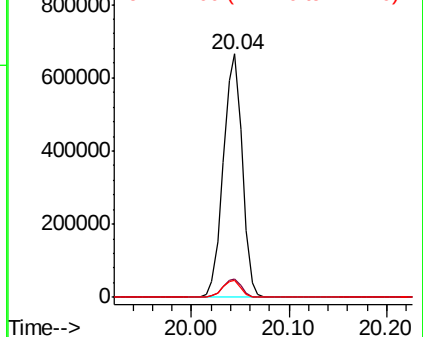
122 7.0 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038885.D

Acq: 28 Dec 2018 22:27

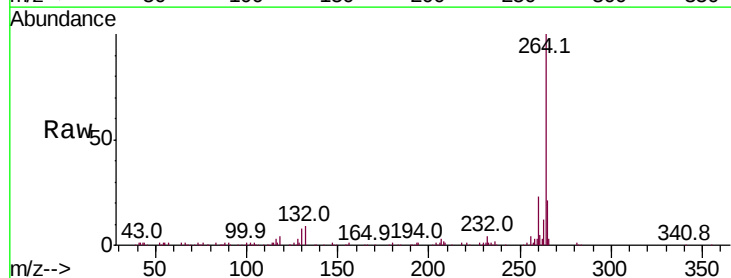
Tgt Ion:264 Resp: 191188

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.1 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

